

# Air Pollution Particles Linked to Alzheimer's Found in Young People's Brains

Scientists have discovered that tiny air pollution particles associated with Alzheimer's and Parkinson's have been identified in the brain stems of young people.

*It is terrifying because, even in the infants, there is neuropathology in the brain stem...We can't prove causality so far, but how could you expect these nanoparticles containing those metal species to sit inert and harmless inside critical cells of the brain? That's the smoking gun – it seriously looks as if those nanoparticles are firing the bullets that are causing the observed neurodegenerative damage.”*

*Professor Barbara Maher, Lancaster University, UK*

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While researchers have not yet confirmed if these particles cause neurodegenerative disease, but it's highly likely that air pollution does play a part in those conditions. The consequences for future generations will be huge, as over 90% of the population lives with unsafe air. These nanoparticles were found in the brainstems of 186 people between the ages of 11 months to 27 who died suddenly in Mexico City. Air pollution is a serious issue in Mexico, with 8% of the population dying from pollution-related conditions.

*The Alzheimer's Aluminum Connection*